

CLAIMS:

1. A lamp fixation system for fixing an electric lamp in a reflector housing, whereby the cap of the lamp is clamped in a hole in said reflector housing, characterized in that said cap is provided with first spring means for pushing against a surface at the inner wall of said hole, and in that said first spring means comprise a first electrical contact for
5 abutting against an electrical contact in said surface.
2. A lamp fixation system as claimed in claim 1, characterized in that said cap comprises another electrical contact for abutting against another electrical contact in the inner wall of said hole.
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3. A lamp fixation system as claimed in claim 2, characterized in that the other electrical contact in the inner wall of said hole comprises an elastic movable member.
4. A lamp fixation system as claimed in any one of the preceding claims,
15 characterized in that the bulb of the lamp and a portion of the cap of the lamp can be moved through said hole from the back side to the reflecting side of said reflector housing, whereby outwardly extending protrusions of said cap pass through slots in the inner wall of said hole, and whereby said protrusions abut against the reflecting side of said reflector housing after the lamp is turned about its longitudinal axis.
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5. A lamp fixation system as claimed in claim 4, characterized in that said cap comprises three of said protrusions, at least two protrusions having different dimensions.
6. A lamp fixation system as claimed in any one of the preceding claims,
25 characterized in that said cap is provided with second spring means for pushing against the back side of the reflector housing.

7. A lamp fixation system as claimed in claim 6, characterized in that said second spring means comprise an electrical contact for abutting against an electrical contact at the back side of the reflector housing.

5 8. A lamp fixation system as claimed in any one of the preceding claims, characterized in that the cap of the lamp comprises a substantial cylindrical grip member extending in longitudinal direction.

9. A lamp to be fixed by the fixation system as claimed in any one of the
10 preceding claims, characterized in that the cap of the lamp is provided with first spring means comprising an electrical contact.

10. A reflector housing for use in the fixation system as claimed in any one of the preceding claims, characterized in that the reflector housing comprises a hole in which the
15 cap of the lamp can be fixed, and in that the inner wall of said hole is provided with at least one electrical contact.

11. A method for fixing an electric lamp in a reflector housing, whereby the cap of the lamp is clamped in a hole in said reflector housing, the cap being provided with first
20 spring means for pushing against a surface at the inner wall of said hole, characterized in that a first electrical contact in said spring means is placed against an electrical contact in said surface.